ABSTRACT OF THE DISCLOSURE

A transmitter capable of retransmitting an MPEG2-TS packet up to the reconstruction time limit and a receiver capable of requesting a retransmission of the packet up to the reconstruction time limit are provided by effectively using a waiting time of a packet to be reconstructed. The transmitting apparatus is provided with a timer portion 13 that shows a current time T in a wireless transmission, a time stamp adding portion 17 that adds a time stamp for specifying a time $TS(N)$ for the packet N to be processed at a receiver side to the packet N, and a calculation portion 14 that calculates a packet transmission required time T_P during which the packet N is transmitted from a transmitter side and then received at the receiver side. In a case where a retransmission request of the packet N from the receiver side is issued, the time limit TL for the retransmitted packet to be received in time for the processing at the receiver side is calculated by the equation of $TL(N)=TS(N)-T\_P$. If $TL(N) \geqq T$, the packet N is retransmitted. If $TL(N) < T$, the packet is not retransmitted.